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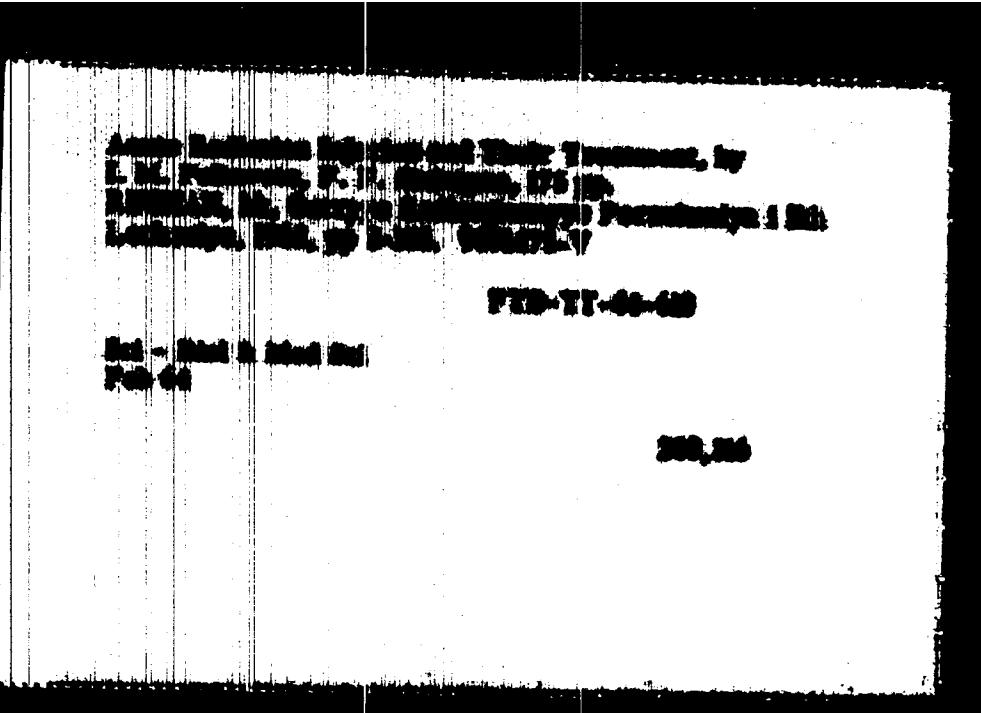
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APPROVED FOR RELEASE: Thursday, August 15, 2002

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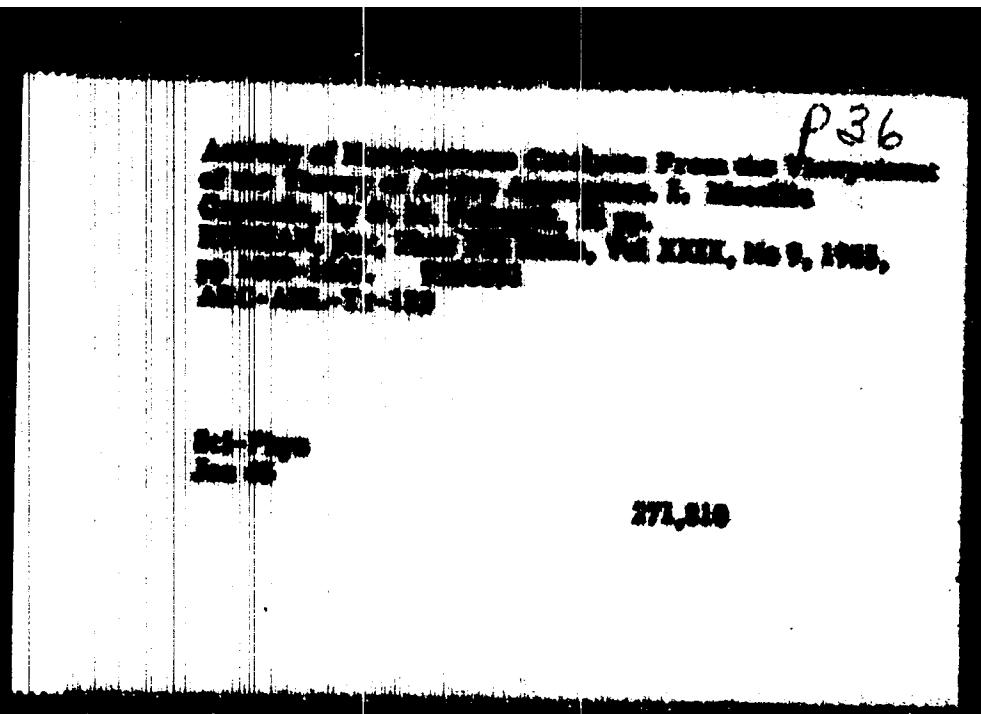
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DESCRIPTION: \*Hydrology, Water, Fluid flow, Oil,  
Hydrodynamics, Numerical analysis, Partial dif-  
ferential equations.

Consideration is given to water conditions on a free  
surface, the problem of spreading of perturbances  
of ground water in a half-plane, the problem of  
spreading of perturbation of ground water in a layer  
of finite depth, the influx of ground water to drain in  
layers of infinite depth, and the problem of shrinkage  
or creation of oil content.

(Mechanics-Hydrodynamics, TFI, v. 7, no. 7)

L. Polyakova-Kochina, P. Ya.

197202

Office of Technical Services

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J. M. Roger de Wiest. Oct 62, 613p. 312 refs.  
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Trans. of mono. [Teoriia Dvizheniya Gruntovikh Vod]  
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SLA \$3.60 as 61-20419 [1961] [34]p.

DESCRIPTORS: \*Hydrology, Water, Fluid flow, Theory,  
\*Hydrodynamics, Drainage, Soils, Mechanical properties,  
Hydraulic systems, Dams, Hydraulic reservoirs, \*Ap-  
plied mathematics, Equations of motion, Functional  
analysis, Functions, Differential equations, Numerical  
methods and procedures, Inertia.

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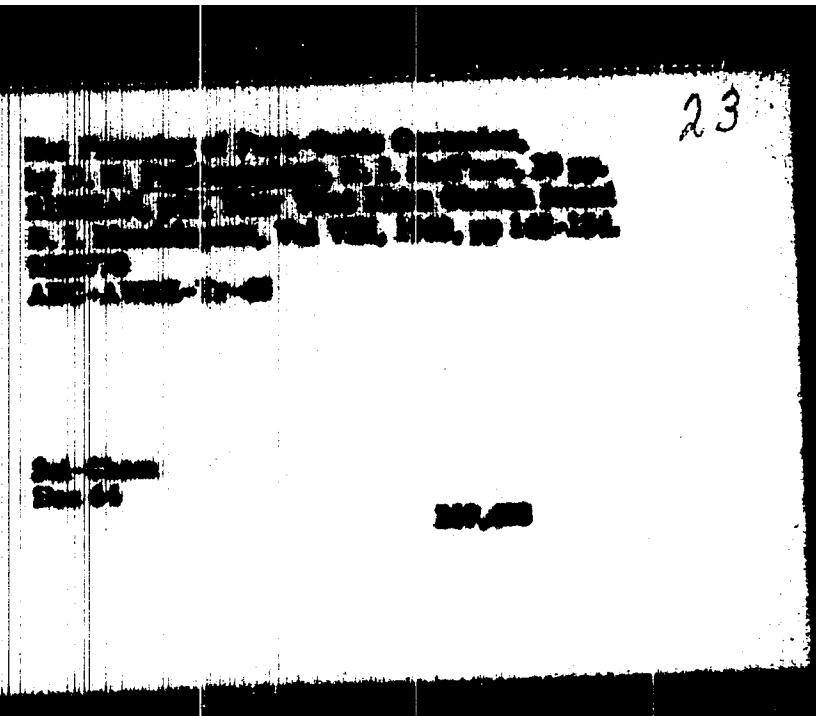
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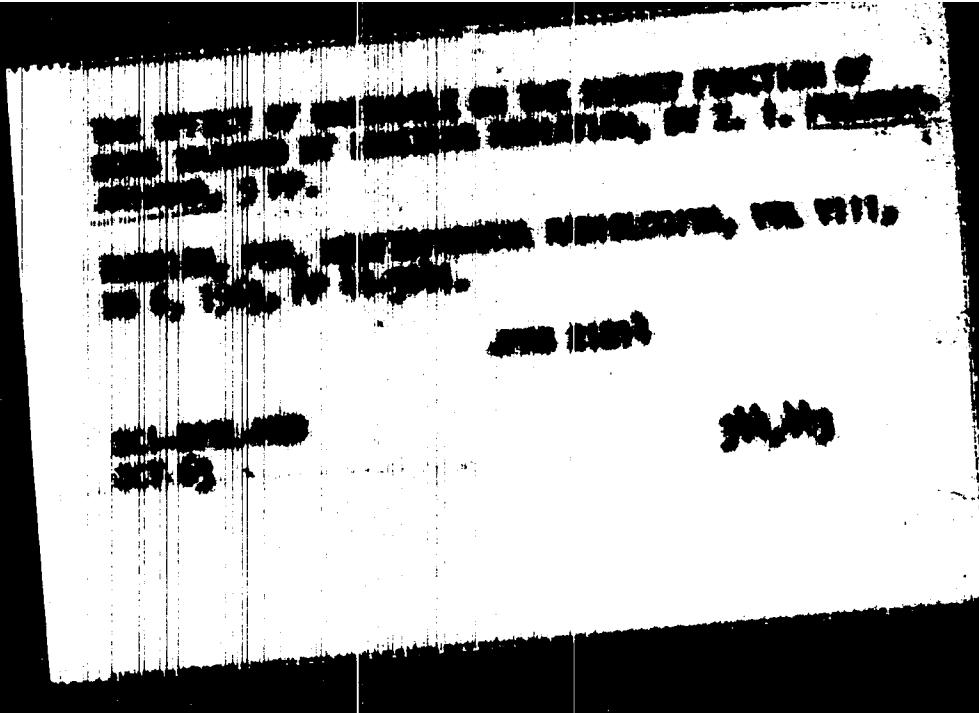
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